EXPEDITED PROCEDURE UNDER 37 C.F.R. §1.116

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Naoki SHIBATA

Serial No.: 09/493,819

Filed: January 28, 2000

Group Art Unit: 2814

Examiner: Douglas A. Wille

GROUP III NITRIDE COMPOUND SEMICONDUCTOR DEVICE

Honorable Commissioner of Patents Washington, D.C. 20231 BOX A.F.

FAX RECEIVED

APR 2 5 2003

TECHNOLOGY CENTER 2800

AMENDMENT UNDER 37 C.F.R. §1.116

Sir:

For:

In response to the Final Office Action dated January 30, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 1, 3, 5, and 6 as follows:

- (Three Times Amended) A group III nitride compound semiconductor device of a successively laminated structure, comprising:
 - a substrate;
 - a buffer layer formed directly on said substrate;
- an intervening layer formed directly on said buffer layer, said intervening layer comprising In_xGa_{1.x}N, where 0<X<1, and
- a light-emitting layer formed directly on said intervening layer, said lightemitting layer comprising In_YGa_{1-Y}N, where 0<Y<1;
- wherein a first In composition ratio of said intervening layer, X, changes from a first interface with said buffer layer to a second interface with said light-



LAW OFFICES OF McGINN & GIBB, PLLC

A PROFESSIONAL LIMITED LIABILITY COMPANY PATENTS, TRADEMARKS, COPYRIGHTS, AND INTELLECTUAL PROPERTY LAW 8321 OLD COURTHOUSE ROAD, SUITE 200 VIENNA, VA 22182-3817

TELEPHONE: (703) 761-4100 FACSIMILE/DATA: (703) 761-2375; (703) 761-2376

E-MAIL: MCGINNGIBB @ AOL.COM

SEAN M. MCGINN PHILLIP E. MILLER + FREDERICK E. COOPERRIDER † PETER A. BALNAVE, Ph.D. FREDRIC J. ZIMMERMAN † JAMES E. HOWARD † KENDAL M. SHEETS CHRISTOPHER M. MCGINN*

† Other Than Virginia Bar Member Patent Engineer (Non-attorney)

ANNAPOLIS, MD OFFICE FREDERICK W. GIBB, III MOHAMMAD S. RAHMAN † LAWRENCE A. SCOTT +

April 25, 2003

VIA FACSIMILE

Examiner Douglas A. Wille To: Group Art Unit No. 2814

U.S.P.T.O.

Facsimile No.: (703) 872-9319

FAX RECEIVED

From: Peter A. Balnave

Enclosed § 1.116 Amendment Re:

U.S. Patent Application Serial/No. 09/493,819

Facsimile No.: (703) 761-2375

APR 2 5 2003

TECHNOLOGY CENTER 2800

Dear Examiner Wille:

We are enclosing an After-Final Amendment for the above-referenced case.

Thank you in advance for your consideration on this case.

Very truly yours,

Peter A. Balnave, Ph.D.

PAB/geb Enclosures

Total No. of Pages Transmitted: 14